

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000235127
PUBLICATION DATE : 29-08-00

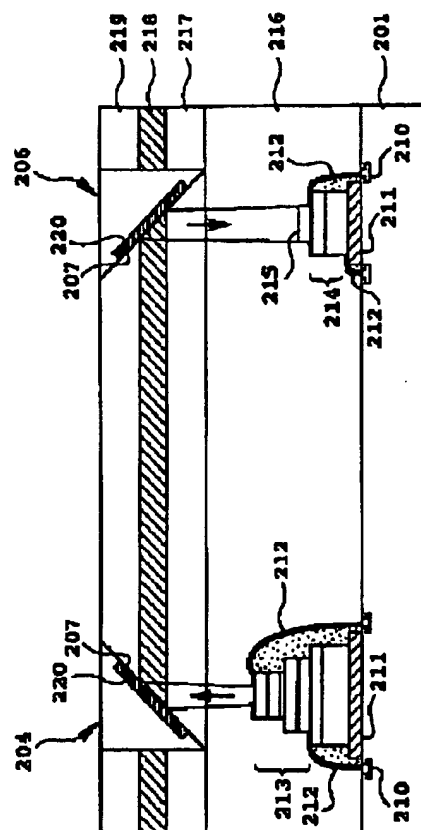
APPLICATION DATE : 15-02-99
APPLICATION NUMBER : 11036405

APPLICANT : NIPPON TELEGR & TELEPH CORP
<NTT>;

INVENTOR : ENBUTSU KOUJI;

INT.CL. : G02B 6/122 G02B 6/13 H01L 31/0232
H01L 31/12 H01L 33/00

**TITLE : OPTOELECTRONIC INTEGRATED
CIRCUIT AND ITS PRODUCTION**



ABSTRACT : PROBLEM TO BE SOLVED: To produce an optoelectronic integrated circuit with high accuracy at a low cost which enables fast signal processing in large capacity.

SOLUTION: This optical waveguide circuit consists of an optoelectronic combined circuit substrate 201 in which electronic devices and optical devices are integrated, and at least one optical waveguide layer consisting of a flattening polymer layer 216, polymer lower clad layer 217, polymer core layer 218 and polymer upper clad layer 219 laminated on the substrate. The optical waveguide layer has an optical waveguide and an optical path converting part 207.

COPYRIGHT: (C)2000,JPO

BEST AVAILABLE COPY